

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): ☐ 90-143 Responsible Wage and Benefits ☐ 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment ☐

Contract/Project/*Work Order No.: SOUNDPROOFHQ

*Reference corresponding project number when submitting a work order

Contract/Project Title: SOUNDPROOFHQ

Description/Scope of Work: Soundproofing of (9) rooms at various locations.

Estimated Cost: \$67,500 Funding Source: Grant funds

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
Various Locations

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment ☐

Engineer/Department or Agency's estimated required workforce for Project ☐ Work Order ☐:

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job
General Contractor		
Acoustic Contractor		

Comments:_____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment ☐

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
	\$	%	
	\$	%	
	\$	%	

RECOMMENDATION

Set-Aside: Level 1 ☐ Level 2 ☐ Level 3 ☐ Trade Set-Aside ☐ Sub-Contractor Goal ☐ Workforce Goal ☐ No Measure ☒

Basis for Recommendation:_____

Date submitted to DBD:07/01/2011

Contact Person:Sonia Fernandez-Quillet or Laura Romano

Telephone No.:305-596-3850/ 305-471-2596

Memorandum

MIAMI-DADE
COUNTY

Date: April 14, 2011
To: Joy Stewart, Executive Senior Bureau Commander
Fiscal Administration Bureau
From: Rey Valdes, Major
Homicide Bureau
Subject: Purchase Request

RQPD1100024

Recommendation:

Through the JAG BYRNE Grant, we are requesting approval for the soundproofing of 9 interview rooms.

Awarded Vendor: TBD
Vendor FEI: TBD
Current Contract: TBD
Amount: \$67,500.00
Requested by: Lieutenant Thamy Gonzalez
Phone Number: (305) 471-2313
Ship to Address: 9105 NW 25 Street, Room 2088 (Homicide Bureau)
Index Code: PDJAGBYR09
Sub-Object Code: 94212

Background:

The soundproofing of the interview rooms will enhance the operations of various investigative bureaus throughout the department. The soundproofing is considered essential for the day-to-day operational needs of the Bureaus.

APPROVED

DATE

DISAPPROVED


Angus H. Butler, Chief
Criminal Investigations Division

4-15-11

Angus H. Butler, Chief
Criminal Investigations Division

RECEIVED
FISCAL & PLANNING BUREAU
2011 APR 18 AM 9:38

RV/tg
Attachment



5/4/11

Fiscal

Joy Bree

5/5/11

FAB6910

PURPOSE

The purpose of this solicitation is to establish a contract for the purchase and installation of sound proofing material(s) for nine (9) interview rooms, currently existing, for Miami-Dade Police Department.

SUMMARY

The purpose of the sound proofing in the interview rooms is to reduce the normal noise level that enters the interview rooms from the outside surrounding offices and hallways. Each interview room is approximately ten by ten feet, with a ten foot high drop ceiling. There are no windows and only one door for each. The walls consist of drywall material with metal studs. The interview rooms have a traditional drop ceiling with removable two by two feet acoustic cardboard panels on metal frames. Below the drop ceiling, there is a security metal lattice installed that covers the entire ceiling. Some of the interview rooms have plastic paneling installed on the inside walls. Attending the pre-bid conference, as mentioned above, is highly recommended to allow the bidding vendors the opportunity to inspect these interview rooms to properly bid on this project.

SCOPE OF WORK

The sound proofing material(s) will be applied to the interior of the interview rooms. The ceiling of the interview rooms have a metal security lattice installed just below the drop ceiling. That security lattice must remain but can be removed for the application of material(s) but must be securely reinstalled. The sound proofing material(s) for the ceiling of the interview rooms may be installed above it. The exposed finished lining of the interior walls and door must be of a material that is conducive to the prevention of vandalism, such as tearing or removing. An acceptable material would be a plastic type paneling as a finished product on the interior walls. The color(s) of the exposed finish must be neutral/pastel color(s). If selections of colors are available they will be selected by a representative of the Miami-Dade Police Department. The sound proofing material(s) installed on the walls, ceilings, doors, etc., must be installed in a manner that is in accordance with the interview rooms' original design, intended use and maintenance thereof.

All incoming flanking noise paths associated with the interview rooms must also be addressed with sound proofing but still maintain their designed application(s). Such examples of these are electrical plate covers, light fixtures, fire sprinklers, air conditioning ducts, etc.

The acquiring of any required government permit(s) will be the responsibility of the awarded vendor and bear the cost. After the completed installation, the walls, ceilings and doors must comply with an industry Sound Transmission Class (STC) rating of 60 better. The awarded vendor must be able to test and provide an official certification that the walls, doors and ceilings have an STC rating of 60 or better at the completion of the installation.

PRE-BID CONFERENCE (MANDATORY)

A pre-bid conference will be held on (date TBD) at the Miami-Dade Police Department Headquarters Building, 9105 NW 25th Street, _____ conference room to view the interview rooms and discuss the special conditions and specifications included within this solicitation. It is recommended that a representative of the firm attend this conference as the "cone of silence" will be lifted during the course of the conference and informal communication can take place.

Manufacturer's standard information sheets, catalogs, brochures and all supporting documentation submitted must show the product meets the required specifications. Bids that are submitted with standard product literature which offer technical data or product descriptions indicating the item or product bid does not meet the required specifications must be accompanied by a letter, on the bidder's company stationery, identifying those differences and describing how compliance with the required specifications is to be accomplished. Photographs, pictures, and other graphic illustrations that are part of standard product literature will not be used in determining product compliance with these specifications.

After the Bid Proposals have been evaluated by the County, the bidder offering the lowest price as stipulated in _____, Paragraph ____ of this solicitation may be required to demonstrate the product which has been proposed, for evaluation by and at no cost to the County. The purpose of the demonstration is to observe the product in an operating environment and verify its capability, suitability, and adaptability vis-à-vis the performance requirements stipulated in the bid. If a demonstration is required, the County will notify the bidder of such in writing and will specify the date, time and location of the demonstration. If the bidder fails to perform the demonstration on the date stipulated in the notice, the County may elect to reject the bidder's proposal or to re-schedule the demonstration. The County will be the sole judge of the acceptability of the equipment in conformance with the Bid Specifications and its decision shall be final.

The product used for the demonstration shall be the same as the manufacturer's model identified in the bidder's proposal. Accordingly, the product used in the demonstration shall create an expressed warranty that the actual equipment provided by the bidder during the contract period shall be similar to the product used in the demonstration.

EQUIPMENT FURNISHED

The product furnished by the bidder shall be new and the most recent model available. Any optional components that are required in accordance with these Bid Specifications shall be considered standard equipment for the purposes of this solicitation. Any optional components that are recommended by the Building Manager for the application intended must be included and will be considered mandatory for the purposes of this solicitation. The application and usage of all materials, sub-materials or parts must be in accordance with their manufacturers' recommendations as well as the recommendations of all associated component manufacturers. Omission of any essential detail from these specifications does not relieve the vendor from furnishing a complete and ready to use product. The silence of specifications on any point shall mean that only the finest commercial practices of the industry shall apply and all interpretations of Bid Specifications shall be so governed. The product shall conform to all applicable Occupational Safety and Health Administration (OSHA), State and Federal and American National Standards Institute (ANSI) requirements and standards, and

regulations. All components and included craftsmanship are to be in accordance with current Miami-Dade County Building codes standards and recommended practices. The engineering, materials and workmanship shall exhibit a high level of quality and appearance consistent with or exceeding the industry standards.

The product and features required are listed in the bid specifications. The County may, after installation and acceptance of the initial product ordered, make changes to the required product or product options supplied, provided; 1) such changes are mutually agreed between the bidder and the County, 2) all changes in per unit pricing are no more than the change in per unit documentable cost to the bidder, and 3) that the net amount of any such changes is no more than five percent of the per unit price originally bid.

BIDDER STATUS

Bids will not be accepted for evaluations which are submitted from sources other than the product's manufacturer or fabricator, or an approved dealer thereof. The County may require the successful bidder to furnish authenticating documentation of such status.

WARRANTY REQUIREMENTS

The awarded vendor shall supply a copy of the warranty(ies). A warranty covering the entire product and installation shall be provided and shall have a minimum term of ten years. The warranty(ies) shall cover all parts, materials and labor necessary to repair the defect(s). When the product manufacturer(s) provides a warranty with coverage in excess of that stipulated herein, that additional coverage shall not be diminished by the requirements of this paragraph. The warranty(ies) shall commence when the interview rooms are ready to use.

The vendor shall be responsible for promptly correcting any warranted deficiency, at no cost to the County within five (5) calendar days after the County notifies the vendor of such deficiency in writing. If the vendor fails to honor the warranty and/or fails to correct or replace the defect within the period specified, the County may, at its discretion, notify the vendor in writing that the vendor may be found in violation of the Contract or be subject to contractual default if the deficiencies are not corrected and/or replacement or repairs are not completed to the satisfaction of the County within the specified time frame. If the vendor fails to satisfy the warranty within the period stipulated in the notice, the County may (a) place the vendor in default of its contract, and/or (b) procure the products or services from another vendor and charge the vendor for any additional costs that are incurred by the County for the work or items; either through a credit memorandum or through invoicing.

Completion of the project is required within the number of days stated in the bidder's quotation. In no case may this date be later than ____ days from the date that the County department orders request of the implementation of this project by sending a Purchase Order to the awarded vendor. All components of this project are to be made in accordance with good commercial practice and must be in full compliance with bid specifications and requirements, and must be in excellent condition and ready to use.

Upon verification of compliance with these requirements, the County will accept the project.

Upon failure to complete this project in accordance with best commercial practices, excellent ready to use condition, and full compliance with the specifications and requirements to the County within the number of days stipulated the awarded vendor shall be subject to charges for liquidation damages in the amount of _____.

INSTRUCTION STATEMENT

The vendor shall supply the County with a written instruction statement which describes the appropriate use and care of the materials installed.

PRODUCTION INSPECTION AND CONDITIONS

The awarded vendor must make available to the Building Manager or his designee the right to inspect the progress of the project at any time. The awarded vendor will not restrict the Building Manager or his designee any access to the project. The County reserves the right to require modifications to the installation if such modifications are necessary in order to maintain compliance with regards to the building and its working environment. The awarded vendor must not interrupt, without permission, the normal working environment present in and around the building. Any and all working schedules must be approved by the Building Manager.

DEMONSTRATION OF COMPETENCY REQUIREMENTS

The County may conduct a pre-award site inspection or hold a pre-award qualification hearing to determine if the bidder is capable of performing the contract if awarded. As part of the determination of the bidder's suitability for award, the following criteria will be considered:

Bids will only be considered from firms who are regularly engaged in the business of providing the goods and/or services required by this solicitation.

The bidder must be able to demonstrate a good record of performance and have sufficient financial resources, facilities, service equipment, employees and organization to ensure that they can satisfactorily provide to the County the goods and/or services required herein. The terms "sufficient financial resources, facilities, service equipment, employees and organization" shall additionally be construed to mean a fully equipped and well-established company in line with the best practices used in the industry.

The County may consider any evidence available regarding the financial, technical, or other qualifications and abilities of the bidder, including past performance and the bidder's record of satisfactorily completing prior awards with the County, or any other governmental or private entity in determining competency for award consideration.

Budget Detail Worksheet

Miami-Dade Police Department Byrne JAG 2009 Grant
 Mission Critical Equipment

A. Personnel

Name/Position	Computation	Cost
Account Clerk	\$13.6827/hour X 40 hours/week X 52 weeks	28,460
SUB-TOTAL		28,460

B. Fringe Benefits

Name/Position	Computation	Cost
Account Clerk		
FICA	\$28,460 X 6.2%	1,765
MICA	\$28,460 X 1.45%	413
Retirement	\$28,460 X 10.71%	3,048
Health	9182 (Fixed Rate per employee)	9,182
Life	\$28,460 X .3024%	86
Flexible Benefits	1100 (Fixed Rate per employee)	1,100
SUB-TOTAL		15,593
SUB-TOTAL PERSONNEL & FRINGE BENEFITS		44,053

C. Travel

None		\$0.00
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D. Equipment

Item	Computation	Cost
Tactical Vests	78 vest @\$3,200	\$249,600.00
Safety Boots	75 pairs @\$150	\$11,250.00
Blauer Multi-Threat Suits	26 suits @\$1,661	\$43,186.00
Blauer Multi-Threat Training Suits	20 trainings @\$400	\$8,000.00
Robbery/STOP Investigative Equipment	7 specialized laptops @ \$3,857	\$27,000.00
Narcotics/ Surveillance/Monitoring Equipment	Special surveillance/monitoring equipment @\$45,550	\$45,550.00
Soundproofing and Security of Interview Rooms with Audio/Video Recording Capabilities	6 interview rooms @\$17,300	\$103,800.00
Soundproofing for Interview Rooms	4 interview rooms @\$4,583	\$18,332.00
Digital Recording Equipment	227 digital recorders @\$489	\$111,003.00
Digital Cameras	110 digital cameras @\$240	\$26,400.00
Digital Steno Kits w/Headphones	16 kits @\$320	\$5,120.00
Transcription Software, Licenses	7 licenses @\$2,345	\$16,415.00
LCF Bridge Firearms and Toolmarks Comparison Microscope (Leeds Precision Instruments)	1 microscope @\$60,213	\$60,213.00
Vehicular Homicide Equipment	special equipment @\$13,136	\$13,136.00
Internet Crimes Against Children (ICAC) Investigative Equipment	special equipment @\$3,055.91	\$3,055.91
Video Inspection Scope with Magnet	4 scopes @\$350	\$1,400.00
Crime Scene Investigative Equipment	equipment for vans and forensic artist, @\$85,000	\$85,000.00
Forklifts (Warehouse) for Property and Evidence Bureau; Crown Rider Reach Truck, Battery accessories, and Crown Lift Height	1 Forklift with Rider reach @\$49,514.80	\$49,514.80
SUB-TOTAL		\$877,975.71

Budget Detail Worksheet
 Miami-Dade Police Department Byrne JAG 2009 Grant
 Mission Critical Equipment

E. Supplies

None	\$0.00	\$0.00

F. Construction

None	\$0.00	\$0.00

G. Consultants/Contracts

None	\$0.00	\$0.00

H. Other Costs

None	\$0.00	\$0.00

I. Indirect Costs

None	\$0.00	\$0.00

Budget Summary

**Miami-Dade Police Department Byrne JAG 2009 Grant
Mission Critical Equipment**

BUDGET SUMMARY	AMOUNT
A. Personnel	\$28,460
B. Fringe Benefits	\$15,593
C. Travel	\$0
D. Equipment	\$877,976
E. Supplies	\$0
F. Construction	\$0
G. Consultants/Contracts	\$0
H. Other	\$0
Total Direct Costs	\$922,029
I. Indirect Costs	\$0
TOTAL PROJECT COSTS	\$922,029
Federal Request:	\$922,029
Non-Federal Amount:	\$0

BUDGET NARRATIVE

The purpose and intent of our application for grant funding is to provide, in this time of economic crises, *mission critical* equipment (including safety equipment and investigative equipment) to Miami-Dade Police Department officers. It is imperative that our personnel be outfitted with the items necessary for officer safety, investigation, and prosecution. Without the funding from the Byrne JAG program, the investments in mission critical equipment to protect our officers and control crime would remain unfunded.

Safety equipment has been budget to protect our law enforcement officers when working in hazardous or dangerous conditions. Grant funds will be used to purchase National Institute of Justice (NIJ) rated tactical vests for the safety and protection of our officers when confronting violent subjects. These tactical vests are budgeted at a cost of \$249,600 (\$3,200 unit cost) for 78 vests and will be provided to officers working in investigative and other specialty units such as Narcotics, Gangs, Warrants, Sexual Crimes, and Special Response Team.

Salvage yards, fire scenes, and hydroponic labs contain various toxic, caustic, and dangerous materials. These range from the jagged edges found by Auto Theft detectives in a salvage yard to burned synthetic materials at the scene of an arson scene. Walking in these contaminated environs is a health risk, as these substances can be absorbed into footwear. Grant funds in the amount of \$11,250 will be spent to purchase 75 pairs of safety boots (\$150 unit cost) to protect investigating officers from these contaminants.

The purchase of Blauer multi-threat suits will be used to outfit most of the Special Response Team (SRT) and Bomb Unit. These suits, designed to protect from chemical, biological, and radiological contaminants, include integrated gloves, boots, and face masks. The grant will fund 26 suits at a cost of \$43,186 (\$1,661 unit cost).

In addition, 20 Blauer multi-threat training suits will be purchased. These suits, used only for training, are less expensive and can be repaired if they are ripped or torn, and washed when necessary. This allows multiple officers to be trained in the use of multi-threat suits at a lower cost. The total cost for the training suits will be \$8,200 (\$400 unit cost).

In addition to the safety equipment, we will also use 2009 JAG funding to purchase mission critical investigative equipment. STOP squad investigators will be equipped with special laptop computers, allowing them to run immediate criminal history checks. This allows detectives to be informed about prior subject convictions which can facilitate a more stringent federal prosecution/sentence. STOP computer equipment will be purchased at a cost of \$27,000.

Our Narcotics Bureau will be provided surveillance and monitoring equipment for undercover investigation. Documenting these investigations clearly and on digital media will lead to better cases being made, resulting in more convictions and longer sentences. The outfitting of the surveillance warehouse will include a monitoring room, soundproofing, and video and audio recording equipment. The price for all equipment is \$45,550.

Subject interview rooms will be enhanced with soundproofing and digital video/audio recording equipment. The improvements made to the interview rooms will lead to better presentations in criminal proceedings, stronger cases, and more convictions. Six interview rooms will receive soundproofing, security improvements, audio/video recording equipment, and prisoner restraints costing \$103,800 (\$17,300 per interview room). An additional four rooms will receive soundproofing only, at a cost of \$18,332 (\$4,583 per interview room), as these rooms are already equipped for recording.

Digital media is the new standard. The purchase of digital recorders will allow detectives in various job assignments to take accurate victim and witness statements. These interviews can

then be burned to digital media, which has a longer shelf life than standard cassette tapes. The JAG grant funding will provide us with 227 digital recorders at a cost of \$111,003 (\$489 unit price). We will also purchase 110 digital cameras to be used to take photographic evidence of crime scenes. Much like the digital recordings, these photographs may then be transferred to a computer and burned to digital media. The use of digital equipment also eliminates the need for costly film and film development. The total cost for the cameras will be \$26,400 (\$240 unit price).

Our stenographers, who transcribe witness, victim, and subject statements, will also be equipped with compatible digital transcription equipment. This will lead to a quicker transcription time, better sound quality, and improved documents, a critical component of investigations. The digital upgrade for stenographers will include 16 digital steno kits with headphones at a cost of \$5,120 (\$320 unit price) and seven transcription software licenses at a cost of \$16,415 (\$2,345 per license).

In 2008, our Crime Laboratory Bureau was ranked number 1 in ballistic identification by the U.S. Bureau of Alcohol, Tobacco, Firearms, and Explosives. A state of the art comparison microscope is essential for accurate ballistics identification. The budgeted LCF Bridge Firearms and Toolmarks Comparison Microscope by Leeds Precision Instruments (\$60,213) will allow our highly trained criminalists to identify firearms that are used in criminal activities, and will allow us to make more arrests with strong cases that lead to convictions.

We have also budgeted for mission critical investigative equipment that will allow vehicular homicide detectives to collect evidence on-site. It is essential that these scenes are

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CFDA #16.738*

precisely documented so that detectives can later calculate the circumstances that caused the fatal accident. This equipment will be purchased at a total cost of \$13,136.

Our Internet Crimes Against Children (ICAC) detectives will also receive additional equipment to facilitate their investigations and to make Internet safety presentations throughout the community, protecting children before they have a chance to become victims. The budgeted equipment for the ICAC team includes phone voice changers, undercover cell phones, a projector, and a screen (total cost \$3,055.91)

Our Economic Crimes Bureau is in need of video inspection scopes to facilitate investigations into financial crimes. These scopes can be inserted into walls and other hard to reach areas, and the magnetic tip allows evidence to be retrieved from these areas. The total cost for four video inspections scopes with magnets is \$1,440 (unit cost \$350).

Our Crime Scene Bureau will also receive critical equipment for their onsite gathering of evidence, facilitating strong cases and long convictions. In addition, our forensics artists need updated computer equipment so they can continue to assist not only MDPD officers, but federal, state, and local law enforcement officers from throughout the area. These artists, two of only fifteen full-time forensic artists in the nation, assisted in the successful investigation that led to the recent (April 2009) arrest of the Kendall Rapist. Crime Scene Bureau mission critical equipment to support these officers and civilian employees include such items as equipment for mobile crime scene vans and specialized graphic computers (total cost \$85,000).

Our Property and Evidence Bureau is also in need of a forklift and work assist vehicle to safely and effectively store and retrieve evidence in a warehouse that is over 54,000 square feet

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and stores over 600,000 items. These two items will cost a total of \$49,514.80. Specific items for effective operation include the Crown Reach Truck and Crown Lift Height Vehicle (RR5210-35/24 Volt, Hawker Battery Model 12-125F-13750 Amp Hour Capacity/24 Volt, Charger SMC12-1-750/480 Volts and Vehicle WAV50-118 /24 Volt).

An Account Clerk position is funded for one year of the grant period at a cost of \$44,053 (\$28,460 salary/\$15,593 fringe benefits) which is 4.7% for the total grant allocation for administration. The purchasing process for a government agency is involved and time consuming. Having an employee assigned to the JAG grant will enable us to make the necessary purchases in an expedient manner and facilitate getting this essential equipment in the hands of our officers. The account clerk will also assist with: reporting requirements, gathering and tracking information for purchasing, reporting, etc.; assisting the grant accountant with fiscal reporting requirements; and maintaining all grant documents, reports, and other required records.

